| Ref<br>#  | Hits  | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|-------|---|---|---------------------|---------|------------------|
| Li        | 0     | (173/28,42,44,39)".ccls"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/01/11 15:41 |
| L2        | 966   | (173/28,42,44,39).ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/01/11 15:47 |
| L3        | 1725  | five with degree with freedom   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/01/11 15:48 |
| L4        | 1520  | five with degree with freedom   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/01/11 15:48 |
| L5        | 485   | five with degree with freedom and (drill\$3 or bor\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/01/11 15:49 |
| L6        | 1214  | six with degree with freedom and (drill\$3 or bor\$3)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/01/11 15:50 |
| L7        | 7     | six with degree with freedom and<br>(drill\$3 or bor\$3) and ("173"/\$ or<br>"175"/\$).ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/01/11 15:51 |
| L8        | 21548 | macdonald   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/01/11 15:51 |
| L9        | 42    | macdonald-cl\$  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR                  | ON      | 2005/01/11 15:51 |
| <b>S1</b> | 10    | US-3784159-\$.DID. OR<br>US-3823902-\$.DID. OR<br>US-3917005-\$.DID. OR<br>US-4067398-\$.DID. OR<br>US-4074773-\$.DID. OR<br>US-4346766-\$.DID. OR<br>US-4637475-\$.DID. OR<br>US-3245180-\$.DID. OR<br>US-3399734-\$.DID. OR<br>US-3470969-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>IBM_TDB             | OR                  | OFF     | 2005/01/10 11:08 |
| S2        | 1451  | (173/184,185,189,37,192,193,<br>218).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2005/01/10 11:08 |

| S3         | 23     | ("0715277"   "0986160"   "2168905"   "2389553"   "2528362"   "2872835"   "3203489"   "3481409"   "3721304"   "3872933"   "4234155"   "4251046"   "4364540"   "4410049"   "5107933").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/10 11:17 |
|------------|--------|---|---|----|-----|------------------|
| S4         | 0      | ("6752221").URPN.   | USPAT   | OR | OFF | 2005/01/10 11:18 |
| <b>S</b> 5 | 8      | ("3447613"   "4225186"  <br>"4589499"   "4813499"  <br>"4858700"   "4890680"  <br>"4915180").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/10 11:24 |
| S6         | 0      | ("6082469").URPN.   | USPAT   | OR | OFF | 2005/01/10 11:26 |
| S7         | 2      | ("3887017"   "4755080").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/10 11:35 |
| S8         | 6      | ("5012873").URPN.   | USPAT   | OR | OFF | 2005/01/10 11:36 |
| S9         | 10     | ("1978368"   "3333646"  <br>"3431983"   "3481409"  <br>"3809344"   "3896885").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/10 11:49 |
| S10        | 8      | ("2655006"   "3447613"  <br>"3500938"   "3507338").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/10 11:55 |
| S11        | 20     | ("3576218").URPN.   | USPAT   | OR | OFF | 2005/01/10 13:19 |
| S12        | 390    | (175/122,162).CCLS.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/10 13:21 |
| S13        | 2      | ("6554075").URPN.   | USPAT   | OR | OFF | 2005/01/10 13:24 |
| S14        | 18     | ("2974760"   "3878662"   "3942593"   "4135340"   "4178632"   "4215848"   "4645084"   "4899832"   "5407302"   "5454533"   "5704427"   "5816736"   "5850874"   "5908122"   "6000480"   "6045297"   "6161358").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/01/10 13:24 |
| S15        | 2      | ("6554075").URPN.   | USPAT   | OR | OFF | 2005/01/10 13:30 |
| S16        | 2      | howell-chris\$  | USPAT   | OR | OFF | 2005/01/10 13:31 |
| S17        | 2      | howell-chri\$   | USPAT   | OR | OFF | 2005/01/10 13:47 |
| S18        | 110964 | (turret or truntable or platform or base) with (revolv\$3 or rotat\$3)  | USPAT   | OR | ON  | 2005/01/10 13:47 |

| S19 | 2038    | (turret or truntable or platform or<br>base) with (revolv\$3 or rotat\$3)<br>same (mov\$3 or travel\$3 or<br>translat\$3) with (linear or<br>transvers\$3) with (linear or<br>longitudinal\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 13:50 |
|-----|---------|--|---|----|-----|------------------|
| S20 | 2255    | (turret or turntable or platform or<br>base) with (revolv\$3 or rotat\$3)<br>same (mov\$3 or travel\$3 or<br>translat\$3) with (linear or<br>transvers\$3) with (linear or<br>longitudinal\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 13:50 |
| S21 | 2502    | (turret or turntable or platform or<br>base) with (revolv\$3 or rotat\$3 or<br>rotational) same (mov\$3 or<br>travel\$3 or translat\$3) with (linear<br>or transvers\$3) with (linear or<br>longitudinal\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 13:50 |
| S22 | 636     | (turret or turntable or platform or<br>base) with (revolv\$3 or rotat\$3 or<br>rotational) same (mov\$3 or<br>travel\$3 or translat\$3) with (linear<br>or transvers\$3) with (linear or<br>longitudinal\$3) and (drill\$3 or<br>bor\$3)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 13:52 |
| S23 | 12      | (turret or turntable or platform or base) with (revolv\$3 or rotat\$3 or rotational) same (mov\$3 or travel\$3 or translat\$3) with (linear or transvers\$3) with (linear or longitudinal\$3) and ("173"/\$ or "172"/\$ or "175"/\$).ccls.                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 14:53 |
| S24 | 51      | (turret or turntable or platform or<br>base) with (revolv\$3 or rotat\$3 or<br>rotational) same (mov\$3 or<br>travel\$3 or translat\$3) with (linear<br>or transvers\$3) with (linear or<br>longitudinal\$3) and ("173"/\$ or<br>"172"/\$ or "175"/\$).ccls. | USOCR   | OR | ON  | 2005/01/10 13:56 |
| S25 | 3       | ("3500938").URPN.  | USPAT   | OR | OFF | 2005/01/10 13:58 |
| S26 | 3078713 | revolv\$3 or rotat\$3 or rotational<br>same (mov\$3 or travel\$3 or<br>translat\$3) with (linear or<br>transvers\$3) with (linear or<br>longitudinal\$3) and ("173"/\$ or<br>"172"/\$ or "175"/\$).ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 14:54 |
| S27 | 3078713 | revolv\$3 or rotat\$3 or rotational with (mov\$3 or travel\$3 or translat\$3) with (linear or transvers\$3) with (linear or longitudinal\$3) and ("173"/\$ or "172"/\$ or "175"/\$).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/01/10 14:55 |

| S28 | 1700979 | revolv\$3 or rotat\$3 or rotational with (mov\$3 or travel\$3 or translat\$3) with (linear or transvers\$3) with (linear or longitudinal\$3) and ("173"/\$ or "172"/\$ or "175"/\$).ccls. | USPAT;<br>JPO;<br>IBM_TDB | OR | ON | 2005/01/10 14:55 |
|-----|---------|---|---------------------------|----|----|------------------|
| S29 | 216     | (revolv\$3 or rotat\$3 or rotational)   | USPAT;                    | OR | ON | 2005/01/10 14:56 |
|     |         | with (mov\$3 or travel\$3 or  | JPO;                      |    |    |                  |
|     |         | translat\$3) with (linear or  | IBM_TDB                   |    |    |                  |
|     |         | transvers\$3) with (linear or   |                           |    |    |                  |
|     |         | longitudinal\$3) and ("173"/\$ or   |                           |    |    |                  |
|     |         | "172"/\$ or "175"/\$).ccls.   |                           |    |    |                  |